

Fuji Services

Client Account Number: A00933264KZI
Eurofins Quote Number: A4W7PH20013302

Eurofins Sample Number NJ20AB4934-4

Original Received Date:	13-Nov-2020
Description:	FUJIKLEEN Disinfectant Cleaner; Expiry Date: 1/1/2023; 4L
Containers Submitted:	1 Bottle(s)

Analysis

Virucidal Test by Carrier Method

Refer to Attachment # 1

Method: TMCV 006, ASTM E1053

Analysis Date: 03-Dec-2020

Supplemental Information

Samples were tested as received. Specifications (if) reported are as provided by the client.

Contracted Company: Eurofins ams Laboratories Sydney

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TGA Licence No: MI-15112007-LI-002191-11 APVMA Licence No: 6139

Questions about this report should be directed to your project manager or the general email listed above.

CONDITIONS	
Virus Strain	Murine hepatitis virus (MHV1) ATCC/VR-261
Cell Substrate	A9 cells ATCC/CCL- 1.4
Test Concentration	Neat
Contact Time	30 seconds
Test Temperature	Room temperature
Test Condition	Dirty 5% FBS (Fetal Bovine Serum)
Neutraliser	2% FBS in MM

RESULTS: TABLE 1: MHV1 test/control results for 30 seconds contact

Virus Dilution	Number of Inoculated Wells	Virus Control	Cytotoxicity	Neutralisation	Test Sample
10 ⁻¹	4	4 ⁺ /4	C	C	C
10 ⁻²	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	3 ⁺ /4
10 ⁻³	4	4 ⁺ /4	0 ⁺ /4	4 ⁺ /4	0 ⁺ /4
10 ⁻⁴	4	4 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁵	4	4 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁶	4	3 ⁺ /4	N/A	N/A	0 ⁺ /4
10 ⁻⁷	4	2 ⁺ /4	N/A	N/A	N/A
10 ⁻⁸	4	1 ⁺ /4	N/A	N/A	N/A
Log ₁₀	-	6.5	1.5	1.5	2.33
Log ₁₀ Reduction of Virus after Treatment				4.17	

Note: Presence of virus in each response is recorded as “+”
 Absence of virus in each response is recorded as “0”
 Cytotoxic response is recorded as “C”
 Calculated virus titre = 10^{6.50}TCID_{50/0.1ml} (6.50 log₁₀)
 Cell control - 4 wells with healthy cell monolayer

* The Reed & Muench LD50 Method was used for determining the virus titre endpoint.

CONCLUSIONS:

Considering the cytotoxicity and neutralisation test results, the sample has shown virucidal efficacy against MHV1 by achieving 4.17 log reduction in virus concentration after 30 seconds exposure period at room temperature.